

ABSTRACT

The present invention provides a process for producing an alkylaromatic compound comprising the step of contacting an alkylatable aromatic compound
5 with an alkylating agent under alkylation conditions in the presence of a alkylation catalyst comprising phosphorus and a porous crystalline inorganic oxide material having an X-ray diffraction pattern including the d-spacing maxima at 12.4 ± 0.25 , 6.9 ± 0.15 , 3.57 ± 0.07 and 3.42 ± 0.07 Angstrom.

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